

JAPANESE PATENT OFFICE -- Patent Abstracts of Japan

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Publication Number: 11212499 A

Date of Publication: 1999.08.06

Int.Class: G09F 9/37

Date of Filing: 1998.01.23

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ELECTROPHORESIS DISPLAY DEVICE

Abstract:

PROBLEM TO BE SOLVED: To provide an electrophoresis display device which improves the light use efficiency to have a high contrast by arranging a first electrode in the center of a first substrate and arranging a second electrode in an end part of the first substrate and forming the internal surface of a second substrate into such shape that light is condensed on the center part of the first substrate.

SOLUTION: The electrophoresis display device is provided with a first electrode 5, a second electrode 6 to which a voltage different from that of the first electrode is applied, plural colored and electrically charged migrating particles 4 which are moved between the first electrode and the second electrode, a first substrate 1, a second substrate 2 arranged so as to face the first substrate 1, and transparent insulating liquid 3 which is filled between the first substrate and the second substrate and holds plural colored and electrically charged migrating particles 4. In this electrophoresis display device, the first electrode 5 is arranged in the center of the first substrate 1, and the second electrode 6 is arranged in an end part of the first substrate 1, and the internal surface of the second substrate 2 has such shape that light is condensed on the center part of the first substrate 1.

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